L21

=>

## (FILE 'HOME' ENTERED AT 12:57:15 ON 06 MAR 2006)

11 S L20 NOT PY>2003

DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT, IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATDPASPC, PCTFULL, ... 'ENTERED AT 12:57:44 ON 06 MAR 2006 1005 S (LEAF OR LEAVES) (8A) (DARK (W) GREEN) AND (CORN OR MAIZE) Ll 18 S L1 AND ANTHER (8A) ((LIGHT (W) LIGHT) OR (PALE (W) PURPLE)) L25 S L2 AND GLUME (8A) (MEDIUM (W) GREEN) L3 1 S L3 AND COB (8A) WHITE L4 2 S L3 AND ALIGNMENT (8A) (SLIGHTLY (W) CURVED) L5 1 S L5 AND (EAR (W) SHAPE) (8A) CYLINDRICAL L6 1 S L3 AND BRACE (8A) (MODERATE(W) PURPLE) L7 L8 22795 S HYBRID (5A) (MAIZE OR CORN) 665 S L8 AND L1 L9 18 S L8 AND L2 L10 5 S L8 AND L3 L11 L12 665 S L8 AND (LEAF OR LEAVES) (8A) (DARK (W) GREEN) 1 S L12 AND BRACE (8A) (MODERATE (2A) PURPLE) L13 L14 42 S L12 AND ANTHER (8A) ((LIGHT (2A) RED) OR (PALE (2A) PURPLE)) 15 S L14 AND GLUME (8A) (MEDIUM (3A) GREEN) L15 4 S L15 AND (SILK (8A) PINK OR COB (8A) WHITE) L16 15791 S HYBRID (5A) CLAIM L17 L18 1271 S L17 AND L8 L19 324 S L12 AND L18 24 S L19 AND L14 L20

FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, CAOLD, CASREACT, CROPU, DGENE,

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1649MXI

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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                 "Ask CAS" for self-help around the clock
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                 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 4 DEC 14
NEWS
     5 DEC 14
                 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
                 CA/CAplus to be enhanced with updated IPC codes
NEWS
     6 DEC 14
NEWS
     7 DEC 21
                 IPC search and display fields enhanced in CA/CAplus with the
                 IPC reform
                 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
        DEC 23
NEWS
     8
                 USPAT2
                 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 9
         JAN 13
NEWS 10
                 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
        JAN 13
                 INPADOC
NEWS 11
        JAN 17
                 Pre-1988 INPI data added to MARPAT
        JAN 17
                 IPC 8 in the WPI family of databases including WPIFV
NEWS 12
NEWS 13
        JAN 30
                 Saved answer limit increased
NEWS 14
        JAN 31
                 Monthly current-awareness alert (SDI) frequency
                 added to TULSA
                 STN AnaVist, Version 1.1, lets you share your STN AnaVist
NEWS 15
        FEB 21
                 visualization results
                 Status of current WO (PCT) information on STN
NEWS 16
        FEB 22
NEWS 17
        FEB 22
                 The IPC thesaurus added to additional patent databases on STN
NEWS 18
       FEB 22
                Updates in EPFULL; IPC 8 enhancements added
NEWS 19
        FEB 27
                New STN AnaVist pricing effective March 1, 2006
NEWS 20
       FEB 28
                MEDLINE/LMEDLINE reload improves functionality
                 TOXCENTER reloaded with enhancements
NEWS 21
        FEB 28
NEWS 22
                 REGISTRY/ZREGISTRY enhanced with more experimental spectral
        FEB 28
                 property data
NEWS 23
                 INSPEC reloaded and enhanced
        MAR 01
NEWS 24
        MAR 03
                 Updates in PATDPA; addition of IPC 8 data without attributes
              FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
NEWS EXPRESS
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
              V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
              http://download.cas.org/express/v8.0-Discover/
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COPYRIGHT (C) 2006 THE THOMSON CORPORATION
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=> S (LEAF OR LEAVES) (8a) (dark (w) green) and (corn or maize)
  15 FILES SEARCHED...
  33 FILES SEARCHED...
          1005 (LEAF OR LEAVES) (8A) (DARK (W) GREEN) AND (CORN OR MAIZE)
=> s 11 and anther (8a) ((light (w) light) or (pale (w) purple))
  15 FILES SEARCHED...
  34 FILES SEARCHED...
  41 FILES SEARCHED...
            18 L1 AND ANTHER (8A) ((LIGHT (W) LIGHT) OR (PALE (W) PURPLE))
=> L2 and glume (8) (medium (w) green)
L2 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
=> s L2 and glume (8) (medium (w) green)
MISSING OPERATOR 'GLUME (8'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s L2 and glume (8a) (medium (w) green)
  24 FILES SEARCHED...
  41 FILES SEARCHED...
             5 L2 AND GLUME (8A) (MEDIUM (W) GREEN)
L3
=> s 13 and cob (8a) white
  26 FILES SEARCHED...
             1 L3 AND COB (8A) WHITE
=> s 13 and alignment (8a) (slightly (w) curved)
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             2 L3 AND ALIGNMENT (8A) (SLIGHTLY (W) CURVED)
=> s 15 and (ear (w) shape) (8a) cylindrical
  20 FILES SEARCHED...
             1 L5 AND (EAR (W) SHAPE) (8A) CYLINDRICAL
=> s 13 and brace (8a) (moderate(w) purple)
  27 FILES SEARCHED...
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AN
       2005:153531 USPATFULL
TI
       Inbred corn line BE9514
IN
       Bohning, Kermit B., Belmond, IA, UNITED STATES
PA
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
                         A1
PI
       US 2005132449
                               20050616
       US 2003-735544
AΤ
                               20031211 (10)
                          A1
DT
       Utility
FS
       APPLICATION
LN.CNT 1419
INCL
       INCLM: 800/320.100
       INCLS: 435/412.000; 800/278.000
       NCLM: 800/320.100
NCL
       NCLS: 435/412.000; 800/278.000
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       ICM
       ICS
              C12N005-04
       IPCI
              A01H0005-00 [ICM,7]; C12N0005-04 [ICS,7]
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AN
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TI
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       Bohning, Kermit B., Belmond, IA, UNITED STATES
TN
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
PA
PΙ
       US 2005132449
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       US 2003-735544
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ΑI
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       APPLICATION
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LN.CNT 1419
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              A01H0005-10 [I,A]; A01H0005-10 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> d 15 1-2
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       Bohning, Kermit B., Belmond, IA, UNITED STATES
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       US 2003-735544
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AΙ
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              A01H0005-00 [ICM,7]; C12N0005-04 [ICS,7]
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       IPCR
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       2004:97442 USPATFULL
AN
       Inbred maize line NP2052
TТ
       Perry, Christopher, Northfield, MN, United States
IN
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
PA
PI
       US 6723901
                          B1
                                20040420
                                20001107 (9)
ΑI
       US 2000-707589
DT
       Utility
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LN.CNT 1050
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       INCLS: 435/412.000; 435/430.100; 435/468.000; 800/266.000; 800/275.000;
              800/278.000; 800/300.100; 800/301.000; 800/302.000; 800/303.000
NCL
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              435/412.000; 435/430.100; 435/468.000; 800/266.000; 800/275.000;
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ICS
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              A01H0005-10 [ICM,7]; A01H0005-00 [ICS,7]; A01H0001-00 [ICS,7];
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       IPCR
       435/412; 435/424; 435/430; 435/430.1; 435/468; 800/260; 800/266;
EXF
       800/269; 800/275; 800/298; 800/300.1; 800/301-303; 800/320.1; 800/278
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     FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, CAOLD, CASREACT, CROPU, DGENE,
     DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT,
     IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD,
     PATDPA, PATDPAFULL, PATDPASPC, PCTFULL, ...' ENTERED AT 12:57:44 ON 06
     MAR 2006
           1005 S (LEAF OR LEAVES) (8A) (DARK (W) GREEN) AND (CORN OR MAIZE)
L1
             18 S L1 AND ANTHER (8A) ((LIGHT (W) LIGHT) OR (PALE (W) PURPLE))
L2
L3
              5 S L2 AND GLUME (8A) (MEDIUM (W) GREEN)
              1 S L3 AND COB (8A) WHITE
L4
L5
              2 S L3 AND ALIGNMENT (8A) (SLIGHTLY (W) CURVED)
              1 S L5 AND (EAR (W) SHAPE) (8A) CYLINDRICAL
L6
              1 S L3 AND BRACE (8A) (MODERATE(W) PURPLE)
=> d 13 1-5
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L3
AN
       2005:153531 USPATFULL
TI
       Inbred corn line BE9514
IN
       Bohning, Kermit B., Belmond, IA, UNITED STATES
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
PΑ
PΙ
       US 2005132449
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LN.CNT 1419
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AN
       2004:97442 USPATFULL
       Inbred maize line NP2052
TΙ
       Perry, Christopher, Northfield, MN, United States
IN
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       2004:8555 USPATFULL
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       Storck, Dale Herman, Sugar Grove, IL, UNITED STATES
TN
       Plehn, Steve J., Juneau, WI, UNITED STATES
PA
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
       US 2004006798
                          A1
                                20040108
PΙ
       US 6989476
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                                20060124
       US 2001-952484
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AN
       2003:297006 USPATFULL
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       Inbred maize seed and plant PSA104
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       Buffard, Christian J., Cambridge, IA, United States
       Euralis USA S.A., Lascar, FRANCE (non-U.S. corporation)
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       US 6646188
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       US 2001-25209
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       US 2000-259051P
                           20001229 (60)
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IN
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       Plehn, Steve J., Juneau, WI, UNITED STATES
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       Agrigenetics Inc., Indianapolis, IN, UNITED STATES (U.S. corporation)
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       INCLS: 435/468.000; 435/419.000; 536/023.600; 800/260.000; 800/279.000;
               800/280.000; 800/281.000; 800/284.000; 800/288.000; 800/300.000;
               800/300.100; 800/301.000; 800/302.000; 800/303.000
NCL
       NCLM:
               800/320.100
               435/468.000; 435/419.000; 536/023.600; 800/260.000; 800/279.000;
       NCLS:
               800/280.000; 800/281.000; 800/284.000; 800/288.000; 800/300.000;
               800/300.100; 800/301.000; 800/302.000; 800/303.000
       IPCI
              A01H0005-00 [ICM,7]; C12N0005-04 [ICS,7]
IC
       IPCI-2 A01H0001-00 [I,A]; C12N0005-14 [I,A]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       435/70.1; 435/468; 435/412; 435/418; 435/424; 530/370; 536/23.1;
EXF
       800/260; 800/278; 800/303; 800/320.1
=> d his
     (FILE 'HOME' ENTERED AT 12:57:15 ON 06 MAR 2006)
     FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, CAOLD, CASREACT, CROPU, DGENE,
     DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT,
     IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD,
     PATDPA, PATDPAFULL, PATDPASPC, PCTFULL, ...' ENTERED AT 12:57:44 ON 06
     MAR 2006
           1005 S (LEAF OR LEAVES) (8A) (DARK (W) GREEN) AND (CORN OR MAIZE)
L1
             18 S L1 AND ANTHER (8A) ((LIGHT (W) LIGHT) OR (PALE (W) PURPLE))
L2
              5 S L2 AND GLUME (8A) (MEDIUM (W) GREEN)
L3
              1 S L3 AND COB (8A) WHITE
L4
              2 S L3 AND ALIGNMENT (8A) (SLIGHTLY (W) CURVED)
L5
              1 S L5 AND (EAR (W) SHAPE) (8A) CYLINDRICAL
L<sub>6</sub>
              1 S L3 AND BRACE (8A) (MODERATE(W) PURPLE)
L7
=> d l2 1-18
     ANSWER 1 OF 18 USPATFULL on STN
L2
       2005:153531 USPATFULL
AN
       Inbred corn line BE9514
TΙ
       Bohning, Kermit B., Belmond, IA, UNITED STATES
IN
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
PA
                          A1
                                20050616
PΙ
       US 2005132449
       US 2003-735544
                                20031211 (10)
AΙ
                          A1
DT
       Utility
       APPLICATION
FS
LN.CNT 1419
       INCLM: 800/320.100
INCL
       INCLS: 435/412.000; 800/278.000
       NCLM: 800/320.100
NCL
       NCLS: 435/412.000; 800/278.000
       [7]
IC
       ICM
              A01H005-00
       ICS
              C12N005-04
              A01H0005-00 [ICM, 7]; C12N0005-04 [ICS, 7]
       IPCI
       IPCR
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 2 OF 18 USPATFULL on STN
L2
       2004:97442 USPATFULL
AN
TΙ
       Inbred maize line NP2052
       Perry, Christopher, Northfield, MN, United States
IN
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
PA
PΙ
       US 6723901
                          B1
                                20040420
       US 2000-707589
                                20001107 (9)
ΑI
DT
       Utility
FS
       GRANTED
LN.CNT 1050
INCL
       INCLM: 800/320.100
       INCLS: 435/412.000; 435/430.100; 435/468.000; 800/266.000; 800/275.000;
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800/278.000; 800/300.100; 800/301.000; 800/302.000; 800/303.000
NCL
       NCLM:
              800/320.100
              435/412.000; 435/430.100; 435/468.000; 800/266.000; 800/275.000;
       NCLS:
              800/278.000; 800/300.100; 800/301.000; 800/302.000; 800/303.000
IC
       [7]
              A01H005-10
       ICM
              A01H005-00; A01H001-00; C12N005-04; C12N015-90
       ICS
              A01H0005-10 [ICM,7]; A01H0005-00 [ICS,7]; A01H0001-00 [ICS,7];
       IPCI
              C12N0005-04 [ICS,7]; C12N0015-90 [ICS,7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       IPCR
       435/412; 435/424; 435/430; 435/430.1; 435/468; 800/260; 800/266;
EXF
       800/269; 800/275; 800/298; 800/300.1; 800/301-303; 800/320.1; 800/278
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 3 OF 18 USPATFULL on STN
L2
AN
       2004:8555 USPATFULL
TI
       Inbred corn line 3633BM
       Storck, Dale Herman, Sugar Grove, IL, UNITED STATES
IN
       Plehn, Steve J., Juneau, WI, UNITED STATES
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
PA
PΙ
       US 2004006798
                          A1
                               20040108
       US 6989476
                          B2
                               20060124
ΑI
       US 2001-952484
                          A1
                               20010914 (9)
DT
       Utility
       APPLICATION
FS
LN.CNT 1439
       INCLM: 800/320.100
INCL
       INCLS: 435/412.000
NCL
       NCLM: 800/320.100
              435/468.000; 435/419.000; 536/023.600; 800/260.000; 800/279.000;
       NCLS:
              800/280.000; 800/281.000; 800/284.000; 800/288.000; 800/300.000;
              800/300.100; 800/301.000; 800/302.000; 800/303.000
IC
       [7]
       ICM
              A01H005-00
       ICS
              C12N005-04
              A01H0005-00 [ICM, 7]; C12N0005-04 [ICS, 7]
       IPCI-2 A01H0001-00 [I,A]; C12N0005-14 [I,A]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       IPCR
L2
     ANSWER 4 OF 18 USPATFULL on STN
       2003:297006 USPATFULL
AN
ΤI
       Inbred maize seed and plant PSA104
       Buffard, Christian J., Cambridge, IA, United States
IN
       Euralis USA S.A., Lascar, FRANCE (non-U.S. corporation)
PA
PΙ
       US 6646188
                          B1
                               20031111
       US 2001-25209
                               20011219 (10)
AΤ
PRAI
       US 2000-259051P
                           20001229 (60)
       Utility
DT
       GRANTED
FS
LN.CNT 1832
INCL
       INCLM: 800/320.100
       INCLS: 800/271.000; 800/275.000; 800/278.000; 800/279.000; 800/281.000;
              800/284.000; 800/288.000; 800/300.100; 800/302.000; 435/412.000;
              435/421.000; 435/430.000; 435/430.100
NCL
       NCLM:
              800/320.100
              435/412.000; 435/421.000; 435/430.000; 435/430.100; 800/271.000;
       NCLS:
              800/275.000; 800/278.000; 800/279.000; 800/281.000; 800/284.000;
              800/288.000; 800/300.100; 800/302.000
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-10; A01H001-00; A01H001-02; C12N005-04
       IPCI
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7];
              A01H0001-02 [ICS,7]; C12N0005-04 [ICS,7]
       IPCR
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       800/275; 800/320.1; 800/271; 800/292; 800/293; 800/294; 800/278;
EXF
       800/279; 800/281; 800/284; 800/300.1; 800/302; 800/288; 435/468;
       435/469; 435/470; 435/412; 435/419; 435/421; 435/424; 435/430; 435/430.1
```

L2

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2003:208994 USPATFULL
AN
TI
       Inbred maize line NP2316
       Perry, Christopher, Stanton, MN, UNITED STATES
IN
                                20030731
PΙ
       US 2003145356
                          A1
       US 6740797
                           B2
                                20040525
                                20020123 (10)
ΑI
       US 2002-55745
                          A1
DT
       Utility
       APPLICATION
FS
LN.CNT 1075
       INCLM: 800/320.100
INCL
NCL
       NCLM: 800/320.100
              435/412.000; 435/419.000; 435/421.000; 435/424.000; 435/430.000;
       NCLS:
              435/430.100; 435/468.000; 800/260.000; 800/268.000; 800/275.000;
              800/278.000
IC
       [7]
       ICM
              A01H005-00
       IPCI
              A01H0005-00 [ICM, 7]
       IPCI-2 A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
1.2
     ANSWER 6 OF 18 USPATFULL on STN
       2003:202396 USPATFULL
AN
TI
       Inbred maize line NP2222
IN
       Delzer, Brent, Janesville, WI, UNITED STATES
PΙ
       US 2003140384
                          A1
                                20030724
       US 6710233
                          B2
                                20040323
                                20020123 (10)
AΙ
       US 2002-55760
                          A1
DT
       Utility
FS
       APPLICATION
LN.CNT 1034
       INCLM: 800/320.100
INCL
       NCLM: 800/320.100
NCL
              435/412.000; 435/421.000; 435/424.000; 435/430.000; 435/430.100;
       NCLS:
              800/260.000; 800/268.000; 800/275.000
TC
       [7]
       ICM
              A01H005-00
       IPCI
              A01H0005-00 [ICM, 7]
       IPCI-2 A01H0001-00 [ICM,7]; A01H0005-00 [ICS,7]; A01H0005-10 [ICS,7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
L2
     ANSWER 7 OF 18 USPATFULL on STN
AN
       2003:149081 USPATFULL
       Inbred Maize line 2044BT
TI
       Mettler, Irvin J., Richmond, CA, United States
TN
       Mies, David, St. Joseph, IL, United States
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
PΑ
рT
       US 6573438
                          В1
                                20030603
       US 1999-289170
                                19990409 (9)
AΙ
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLI
       patented, Pat. No. US 6114608 Continuation of Ser. No. US 1997-818573,
       filed on 14 Mar 1997, now abandoned
       Utility
DT
       GRANTED
FS
LN.CNT 1659
INCL
       INCLM: 800/320.100
       INCLS: 800/265.000; 800/275.000; 800/302.000
NCL
       NCLM:
              800/320.100
              800/265.000; 800/275.000; 800/302.000
       NCLS:
       [7]
IC
       ICM
              A01H005-00
       ICS
              A01H005-10; A01H001-00
       IPCI
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7]
       IPCR
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
       800/320.1; 800/260; 800/275; 800/278; 800/279; 800/298; 800/302; 800/265
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 8 OF 18 USPATFULL on STN
L2
       2002:209747 USPATFULL
AN
TТ
       Inbred maize line 2070BT
```

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Mettler, Irvin J, Richmond, CA, United States
IN
       Mies, David, St. Joseph, IL, United States
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
PA
                                20020820
PΙ
       US 6437223
                           B1
ΑI
       US 1999-289010
                                19990409 (9)
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998
RLI
DT
       Utility
       GRANTED
FS
LN.CNT 1226
INCL
       INCLM: 800/320.100
       INCLS: 800/279.000; 800/302.000; 800/300.100; 435/412.000; 435/418.000;
              435/419.000
NCL
       NCLM:
              800/320.100
              435/412.000; 435/418.000; 435/419.000; 800/279.000; 800/300.100;
       NCLS:
              800/302.000
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-10; C12N005-04; C12N015-32; C12N015-82
       IPCI
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; C12N0005-04 [ICS,7];
              C12N0015-32 [ICS,7]; C12N0015-82 [ICS,7]
       IPCR
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
EXF
       800/320.1; 800/279; 800/302; 800/300.1; 435/412; 435/418; 435/419
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 9 OF 18 USPATFULL on STN
L2
       2002:130162 USPATFULL
AN
       Inbred maize line R327H
ΤI
IN
       Mettler, Irvin J., Richmond, CA, United States
       Plaisted, Douglas C., Middleton, ID, United States
       Grier, Stephen L., Stanton, MN, United States
       Houghton, Wesley, Naples, FL, United States
       Gardiner, Michele, Nampa, ID, United States
       Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)
PA
PΙ
       US 6399860
                          B1
                                20020604
ΑI
       US 1999-328826
                                19990609 (9)
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLI
       patented, Pat. No. US 6114608
PRAI
       US 1997-109808P
                           19970314 (60)
DT
       Utility
FS
       GRANTED
LN.CNT 957
INCL
       INCLM: 800/300.100
       INCLS: 800/320.100; 800/278.000
NCL
       NCLM:
              800/300.100
       NCLS:
              800/278.000; 800/320.100
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-04; A01H001-00; C12N005-04
       IPCI
              A01H0005-00 [ICM,7]; A01H0005-04 [ICS,7]; A01H0001-00 [ICS,7];
              C12N0005-04 [ICS,7]
       IPCR
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
EXF
       800/320.1; 800/302; 800/300.1; 800/278; 435/320.1; 435/419
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L2
     ANSWER 10 OF 18 USPATFULL on STN
       2001:226822 USPATFULL
AN
       Inbred corn line ZS02433
TT
       Stelpflug, Richard G., Willmar, MN, United States
IN
       Messmer, Mark J., Wichita, KS, United States
PA
       Advanta Technology Limited, Lincolnshire, United Kingdom (non-U.S.
       corporation)
PΙ
       US 6329578
                          B1
                                20011211
ΑI
       US 1998-159383
                               19980923 (9)
DT
       Utility
FS
       GRANTED
LN.CNT 874
INCL
       INCLM: 800/320.100
       INCLS: 800/295.000; 800/298.000; 800/278.000; 536/023.600; 536/024.100;
              435/419.000; 435/468.000
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800/320.100
NCL
       NCLM:
              435/419.000; 435/468.000; 536/023.600; 536/024.100; 800/278.000;
       NCLS:
              800/295.000; 800/298.000
IC
       [7]
       ICM
              A01H003-00
              A01H004-00; A01H005-00; C12N015-29
       ICS
              A01H0003-00 [ICM,7]; A01H0004-00 [ICS,7]; A01H0005-00 [ICS,7];
       IPCI
              C12N0015-29 [ICS,7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       IPCR
       800/320.1; 800/299; 800/298; 800/278; 536/23.6; 536/24.1; 435/419;
EXF
       435/468: 435/320.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 11 OF 18 USPATFULL on STN
L2
       2001:226819 USPATFULL
AN
TI
       Inbred maize line 2227BT
IN
       Mettler, Irvin J., Richmond, CA, United States
       Mies, David, St. Joseph, IL, United States
PA
       Syngenta Participations AG, Basel, Switzerland (non-U.S. corporation)
       US 6329575
                                20011211
PΙ
                          B1
AΤ
       US 1999-329169
                                19990609 (9)
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLT
       patented, Pat. No. US 6114608
DT
       Utility
       GRANTED
FS
LN.CNT 985
INCL
       INCLM: 800/300.100
       INCLS: 800/320.100; 800/265.000; 435/412.000; 435/424.000; 435/430.000;
              435/430.100
       NCLM:
NCL
              800/300.100
              435/412.000; 435/424.000; 435/430.000; 435/430.100; 800/265.000;
       NCLS:
              800/320.100
IC
       [7]
       ICM
              H01H005-00
       ICS
              H01H004-00; C12N005-04
       IPCI
              H01H0005-00 [ICM,7]; H01H0004-00 [ICS,7]; C12N0005-04 [ICS,7]
       IPCR
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
EXF
       800/320.1; 800/265; 800/300.1; 435/412; 435/421; 435/419; 435/430.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L2
     ANSWER 12 OF 18 USPATFULL on STN
AN
       2001:71768 USPATFULL
ΤI
       Inbred maize line R660H
IN
       Mettler, Irvin J., Richmond, CA, United States
       Plaisted, Douglas C., Middleton, ID, United States
       Grier, Stephen L., Stanton, MN, United States
       Houghton, Wesley, Naples, FL, United States
       Gardiner, Michele, Nampa, ID, United States
PΑ
       Novartis AG, Basel, Switzerland (non-U.S. corporation)
PΙ
                          B1
       US 6232534
                                20010515
       US 1999-330737
AΙ
                                19990611 (9)
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLI
       patented, Pat. No. US 6114608 Continuation of Ser. No. US 1997-818573,
       filed on 14 Mar 1997, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 970
INCL
       INCLM: 800/320.100
       INCLS: 800/271.000; 800/275.000; 800/298.000; 800/302.000
NCL.
       NCLM:
              800/320.100
              800/271.000; 800/275.000; 800/298.000; 800/302.000
       NCLS:
IC
       [7]
       ICM
              A01H005-00
              A01H005-10; A01H001-00
       ICS
              A01H0005-00 [ICM, 7]; A01H0005-10 [ICS, 7]; A01H0001-00 [ICS, 7]
       IPCI
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
EXF
       800/320.1; 800/260; 800/275; 800/278; 800/279; 800/298; 800/302; 800/271
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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```
ANSWER 13 OF 18 USPATFULL on STN
L2
AN
       2001:71767 USPATFULL
TI
       Inbred maize line R372H
       Mettler, Irvin J., Richmond, CA, United States
IN
       Plaisted, Douglas C., Middleton, ID, United States
       Grier, Stephen L., Stanton, MN, United States
       Houghton, Wesley, Naples, FL, United States
       Gardiner, Michele, Nampa, ID, United States
       Novartis AG, Basel, Switzerland (non-U.S. corporation)
PA
PΙ
       US 6232533
                          В1
                                20010515
       US 1999-328473
                                19990609 (9)
AΙ
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLI
       patented, Pat. No. US 6114608
DT
       Utility
       Granted
FS
LN.CNT 1306
INCL
       INCLM: 800/320.100
       INCLS: 800/271.000; 800/275.000; 800/302.000
NCL
       NCLM: 800/320.100
       NCLS: 800/271.000; 800/275.000; 800/302.000
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-10; A01H001-00
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7]
       IPCI
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
       IPCR
EXF
       800/320.1; 800/260; 800/275; 800/278; 800/279; 800/298; 800/302;
       800/300.1; 800/301; 800/271
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 14 OF 18 USPATFULL on STN
L2
AN
       2001:67886 USPATFULL
TI
       Inbred maize line R412H
       Mettler, Irvin J., Richmond, CA, United States
IN
       Plaisted, Douglas C., Middleton, ID, United States
       Grier, Stephen L., Stanton, MN, United States
       Houghton, Wesley, Naples, FL, United States
       Gardiner, Michele, Nampa, ID, United States
       Novartis AG, Basel, Switzerland (non-U.S. corporation)
PA
PΙ
       US 6229075
                          B1
                                20010508
AΙ
       US 1999-330760
                                19990611 (9)
       Continuation of Ser. No. US 1998-42426, filed on 13 Mar 1998, now
RLI
       patented, Pat. No. US 6114608
DT
       Utility
       Granted
FS
LN.CNT 1288
INCL
       INCLM: 800/320.100
       INCLS: 800/271.000; 800/275.000; 800/302.000
NCL
       NCLM:
              800/320.100
              800/271.000; 800/275.000; 800/302.000
       NCLS:
       [7]
IC
       ICM
              A01H005-00
              A01H005-10; A01H001-00
       ICS
       IPCI
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7]
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
       800/320.1; 800/260; 800/278; 800/275; 800/298; 800/279; 800/302;
EXF
       800/301; 800/300.1; 800/271
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 15 OF 18 USPATFULL on STN
1.2
AN
       2000:117989 USPATFULL
TI
       Nucleic acid construct comprising bacillus thuringiensis crylAb gene
IN
       Mettler, Irvin J, Richmond, CA, United States
       Dietrich, Paul S, Palo Alto, CA, United States
       Sinibaldi, Ralph M., Fremont, CA, United States
       Novartis AG, Basel, Switzerland (non-U.S. corporation)
PA
PI
       US 6114608
                                20000905
       US 1998-42426
AΙ
                               19980313 (9)
PRAI
       US 1997-109808P
                           19970314 (60)
DT
       Utility
```

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FS
       Granted
LN.CNT 1418
INCL
       INCLM: 800/320.100
       INCLS: 435/320.100; 435/419.000; 800/302.000; 800/320.000; 800/320.200;
              800/320.300
       NCLM:
              800/320.100
NCL
              435/320.100; 435/419.000; 800/302.000; 800/320.000; 800/320.200;
       NCLS:
              800/320.300
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-10; C12N005-14; C12N015-82
              A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; C12N0005-14 [ICS,7];
       IPCI
              C12N0015-82 [ICS,7]
              C12N0015-82 [I,A]; C12N0015-82 [I,C]
       IPCR
       536/23.71; 536/23.7; 435/69.1; 435/320.1; 435/419; 435/468; 800/279;
EXF
       800/300; 800/302; 800/320.1; 800/320.3; 800/320; 800/320.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L2
     ANSWER 16 OF 18 USPAT2 on STN
AN
       2004:8555 USPAT2
TI
       Inbred corn line 3633BM
       Storck, Dale Herman, Sugar Grove, IL, UNITED STATES
IN
       Plehn, Steve J., Juneau, WI, UNITED STATES
PA
       Agrigenetics Inc., Indianapolis, IN, UNITED STATES (U.S. corporation)
ΡI
       US 6989476
                          B2
                                20060124
ΑI
       US 2001-952484
                                20010914 (9)
DΤ
       Utility
FS
       GRANTED
LN.CNT 1412
INCL
       INCLM: 800/320.100
       INCLS: 435/468.000; 435/419.000; 536/023.600; 800/260.000; 800/279.000;
              800/280.000; 800/281.000; 800/284.000; 800/288.000; 800/300.000;
              800/300.100; 800/301.000; 800/302.000; 800/303.000
              800/320.100
NCL
       NCLM:
       NCLS:
              435/468.000; 435/419.000; 536/023.600; 800/260.000; 800/279.000;
              800/280.000; 800/281.000; 800/284.000; 800/288.000; 800/300.000;
              800/300.100; 800/301.000; 800/302.000; 800/303.000
IC
       IPCI
              A01H0005-00 [ICM,7]; C12N0005-04 [ICS,7]
       IPCI-2 A01H0001-00 [I,A]; C12N0005-14 [I,A]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       435/70.1; 435/468; 435/412; 435/418; 435/424; 530/370; 536/23.1;
EXF
       800/260; 800/278; 800/303; 800/320.1
L2
     ANSWER 17 OF 18 USPAT2 on STN
       2003:208994 USPAT2
AN
TI
       Inbred maize line NP2316
       Perry, Christopher, Northfield, MN, United States
IN
PA
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
ΡI
       US 6740797
                          B2
                                20040525
AΙ
       US 2002-55745
                                20020123 (10)
DT
       Utility
       GRANTED
FS
LN.CNT 857
INCL
       INCLM: 800/320.100
       INCLS: 800/260.000; 800/268.000; 800/275.000; 800/278.000; 435/412.000;
              435/421.000; 435/424.000; 435/430.000; 435/430.100; 435/419.000;
              435/468.000
NCL
       NCLM:
              800/320.100
       NCLS:
              435/412.000; 435/419.000; 435/421.000; 435/424.000; 435/430.000;
              435/430.100; 435/468.000; 800/260.000; 800/268.000; 800/275.000;
              800/278.000
IC
       [7]
       ICM
              A01H005-00
       ICS
              A01H005-10; A01H001-00
       IPCI
              A01H0005-00 [ICM, 7]
       IPCI-2 A01H0005-00 [ICM,7]; A01H0005-10 [ICS,7]; A01H0001-00 [ICS,7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
EXF
       800/260; 800/268; 800/275; 800/278; 800/320.1; 800/265; 800/266;
       800/267; 435/419; 435/468; 435/412; 435/424; 435/421; 435/430; 435/430.1
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ANSWER 18 OF 18 USPAT2 on STN
L_2
       2003:202396 USPAT2
ΑN
       Inbred maize line NP2222
TI
       Delzer, Brent, Janesville, WI, United States
IN
       Syngenta Participations AG, Basel, SWITZERLAND (non-U.S. corporation)
PA
                          B2
                               20040323
ΡI
       US 6710233
       US 2002-55760
ΑI
                                20020123 (10)
DT
       Utility
       GRANTED
FS
LN.CNT 855
INCL
       INCLM: 800/320.100
       INCLS: 800/260.000; 800/268.000; 800/275.000; 435/424.000; 435/421.000;
              435/430.000; 435/430.100; 435/412.000
NCL
       NCLM:
              800/320.100
              435/412.000; 435/421.000; 435/424.000; 435/430.000; 435/430.100;
       NCLS:
              800/260.000; 800/268.000; 800/275.000
IC
       [7]
       ICM
              A01H001-00
       ICS
              A01H005-00; A01H005-10
              A01H0005-00 [ICM, 7]
       IPCI
       IPCI-2 A01H0001-00 [ICM,7]; A01H0005-00 [ICS,7]; A01H0005-10 [ICS,7]
             A01H0005-10 [I,A]; A01H0005-10 [I,C]
EXF
       800/320.1; 800/260; 800/267; 800/275; 800/265; 800/266; 800/268;
       800/278; 435/421; 435/424; 435/412; 435/430; 435/430.1; 435/419; 435/468
=> s hybrid (5a) (maize or corn)
 28 FILES SEARCHED...
         22795 HYBRID (5A) (MAIZE OR CORN)
=> s 18 and 11
 34 FILES SEARCHED...
           665 L8 AND L1
=> s 18 and 12
 32 FILES SEARCHED...
L10
            18 L8 AND L2
=> s 18 and 13
 34 FILES SEARCHED...
             5 L8 AND L3
Lll
=> d l11 1-5
L11 ANSWER 1 OF 5 USPATFULL on STN
       2005:153531 USPATFULL
AN
TΤ
       Inbred corn line BE9514
       Bohning, Kermit B., Belmond, IA, UNITED STATES
IN
       AGRIGENETICS, INC., d/b/a Mycogen Seeds (U.S. corporation)
PA
                         A1
                               20050616
PI
       US 2005132449
AΙ
       US 2003-735544
                          A1
                               20031211 (10)
       Utility
DT
FS
       APPLICATION
LN.CNT 1419
       INCLM: 800/320.100
INCL
       INCLS: 435/412.000; 800/278.000
       NCLM: 800/320.100
NCL
       NCLS: 435/412.000; 800/278.000
TC
       [7]
       ICM
              A01H005-00
       ICS
              C12N005-04
       IPCI
              A01H0005-00 [ICM, 7]; C12N0005-04 [ICS, 7]
              A01H0005-10 [I,A]; A01H0005-10 [I,C]
       IPCR
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L11 ANSWER 2 OF 5 USPATFULL on STN
       2004:97442 USPATFULL
ΑN
TT
       Inbred maize line NP2052
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